

In the Claims:

Please cancel claims 14-17, 27 and 28 without prejudice or disclaimer.

Please substitute the following claim 1 for the pending claim 1:

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1. (Once Amended) A cell culture medium comprising at least one non-animal or plant-derived peptide, wherein said non-animal or plant-derived peptide is derived from the group consisting of fungi, yeast, rice, potato, corn, and aloe vera, and wherein said medium is capable of supporting the cultivation of an animal cell *in vitro*.

{ Please substitute the following claim 2 for the pending claim 2: }

2. (Once Amended) A cell culture medium comprising at least one non-animal derived or plant-derived lipid or at least one non-animal or plant-derived fatty acid, wherein said non-animal or plant-derived lipid or fatty acid is derived from the group consisting of bacteria, fungi, yeast, rice, potato, corn, and aloe vera, and wherein said medium is capable of supporting the cultivation of an animal cell *in vitro*.

Please substitute the following claim 6 for the pending claim 6:

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6. (Once Amended) A cell culture medium obtained by combining at least one non-animal or plant-derived peptide together with an animal cell culture medium, wherein said non-animal or plant-derived peptide is derived from the group consisting of fungi, yeast, rice, potato, corn, and aloe vera, and wherein said medium is capable of supporting the cultivation of an animal cell *in vitro*.

{ Please substitute the following claim 7 for the pending claim 7: }

7. (Once Amended) A cell culture medium obtained by combining at least one non-animal or plant-derived lipid or at least one non-animal or plant-derived fatty acid together with an animal cell culture medium, wherein said non-animal or plant-derived lipid or fatty acid is derived from the group consisting of bacteria, fungi, yeast, rice, potato, corn, and aloe vera, and wherein said medium is capable of supporting the cultivation of an animal cell *in vitro*.

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{ Please substitute the following claim 8 for the pending claim 8: }

8. (Once Amended) The cell culture medium of claim 2, wherein said lipid or fatty acid is selected from the group consisting of palmitate, stearate, oleate, linoleate, lineolenate, arachidate, myristate, behenate, erucate, lignocerate, caprylate, caprate, laureate and palmitoleate, and combinations thereof.

{ Please substitute the following claim 9 for the pending claim 9: }

9. (Once Amended) The cell culture medium of claim 7, wherein said lipid or fatty acid is selected from the group consisting of palmitate, stearate, oleate, linoleate, lineolenate, arachidate, myristate, behenate, erucate, lignocerate, caprylate, caprate, laurate and palmitoleate, and combinations thereof.

Please substitute the following claim 26 for the pending claim 26:

26. (Once Amended) A kit for replacing one or more animal-derived ingredients in a

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B4 cell culture medium, comprising at least one non-animal or plant-derived peptide, lipid, fatty acid, or combinations thereof wherein said non-animal or plant-derived peptide, lipid or fatty acid is derived from the group consisting of fungi, yeast, rice, potato, corn, and aloe vera.

Please substitute the following claim 30 for the pending claim 30:

B5 30. (Once Amended) The cell culture medium of claim 8, wherein said lipid or fatty acid is selected from the group consisting of myristate, caprylate, caprate, laurate, stearate, oleate, palmitate and linoleate.

Please substitute the following claim 32 for the pending claim 32:

B6 32. (Once Amended) The cell culture medium of claim 9, wherein said lipid or fatty acid is selected from the group consisting of myristate, caprylate, caprate, laurate, stearate, oleate, palmitate and linoleate.

} Please substitute the following claim 33 for the pending claim 33: }

33. ~~(Once Amended) The cell culture medium of claim 1, wherein the non-animal or plant derived peptide is derived from the group consisting of fungi, yeast, rice, potato, corn and aloe vera.~~

B6 { Please substitute the following claim 34 for the pending claim 34: }

34. (Once Amended) The cell culture medium of claim 1, wherein the non-animal or plant derived peptide is derived from the group consisting of yeast, rice, potato, corn and aloe vera.

Please substitute the following claim 36 for the pending claim 36:

36. (Once Amended) The cell culture medium of claim 2, wherein the non-animal or plant derived lipid or fatty acid is derived from the group consisting of fungi, yeast, rice, potato, corn and aloe vera.

B7 { Please substitute the following claim 37 for the pending claim 37: }

37. (Once Amended) The cell culture medium of claim 2, wherein the non-animal or plant derived lipid or fatty acid is derived from the group consisting of yeast, rice, potato, corn and aloe vera.

{ Please substitute the following claim 38 for the pending claim 38: }

38. (Once Amended) The cell culture medium of claim 2, wherein the non-animal or plant derived lipid or fatty acid is derived from the group consisting of rice, potato, corn and aloe vera.

Please add the following new claims:

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39. (New) The cell culture medium of claim 8, comprising at least two of said lipids or fatty acids selected from the group consisting of palmitate, stearate, oleate, linoleate, myristate, caprylate, caprate and laurate.

40. (New) The cell culture medium of claim 9, comprising at least two of said lipids or fatty acids selected from the group consisting of palmitate, stearate, oleate, linoleate, myristate, caprylate, caprate and laurate.
